

REMARKS

Applicants have amended Claim 3 and therefore, upon entry of this amendment, Claims 1-20 are pending. Applicants respectfully request reconsideration and reexamination of the application.

Claim 3 was objected to for the informality of the word "include" not being clearly defined. Specifically, it is questioned whether "include" is to be interpreted as "includes all" or "includes some," with Examiner choosing "includes some." Applicants have amended Claim 3 to recite "wherein the signal types supported include at least" to clarify that all of the signal types recited are to be included. Therefore, Applicants respectfully request that the objection of Claim 3 be withdrawn.

Claims 1, 3-9, 17, 18, and 20 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,894,530 to Davidson et al. [herein referred to as "Davidson"].

Applicants have submitted a declaration under 37 C.F.R. §1.131 to swear behind the Davidson reference. Therefore, Applicants respectfully request that the rejection under 35 U.S.C. § 102(e) of Claims 1, 3-9, 17, 18, and 20 be withdrawn.

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Claims 2, 10-15, and 19 were rejected under 35 U.S.C. §103(a) as being obvious over Davidson in view of U.S. Patent No. 6,542,096 to Chan et al. [herein referred to as "Chan"], and Claim 16 was rejected under 35 U.S.C. § 103(a) as being obvious over Davidson and Chan as applied to Claim 10 and further in view of U.S. Patent No. 5,212,652 to Agrawal et al. [herein referred to as "Agrawal"].

Davidson should be considered as 102(e) prior art under the 103(a) rejection, as further supported by Examiner's 102(e) rejection above. Therefore, Davidson can not be cited as 103(a) prior art due to common ownership (35 U.S.C. §103(c)). Specifically, the present application and U.S. Patent No. 6,894,530 to Davidson were, at the time the invention of the pending application was made, owned by Lattice Semiconductor Corporation.

Therefore, Applicants respectfully request that the rejections under 35 U.S.C. § 103(a) of Claims 2, 10-15, 16, and 19 be withdrawn.

Accordingly, Applicants respectfully submit that Claims 1-20 are in proper form for allowance. Reconsideration and withdrawal of the rejections are respectfully requested and a timely Notice of Allowance is solicited.

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If there are any questions regarding any aspect of the application, please call the undersigned at (949) 752-7040.

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I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Fax No. 571-273-8300 on the date stated below.

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Respectfully submitted,

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